

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1-6. (*Cancelled*).

7. (*Currently Amended*) A vehicle capable of changing vehicle characteristics  
~~characteristic~~-comprising:  
  
    a plurality of plural vehicle characteristic setting portions, wherein each vehicle  
characteristic setting portion allows a user to set a specific one of a plurality of vehicle  
characteristics for setting the vehicle characteristic to an a free arbitrary value;  
  
    a plurality of vehicle characteristic memory portions, wherein each memory portion  
stores a group of said vehicle characteristics~~portion for memorizing said set vehicle~~  
~~characteristic;~~  
  
    a vehicle characteristic setting selection portion for selecting a group of an arbitrary  
vehicle characteristics ~~characteristic~~ from one of said vehicle characteristic memory portions;  
and portion, wherein each  
  
    control units ~~unit~~ for controlling each of said plurality of the vehicle characteristics, each  
control unit comprising;~~characteristic including~~  
  
    a default characteristic memory portion for memorizing a default characteristic ~~set~~  
~~upon production,~~

a setting characteristic determining portion for determining whether or not a vehicle characteristic received from setting-on-said vehicle characteristic memory setting-portion is valid, and

a selection switch controlled ~~which is changed over by~~ said setting characteristic determining portion,

wherein, when said setting characteristic determining portion determines that the vehicle characteristic setting is valid, said selection switch enables the vehicle characteristic received from being changed over so as to transmit the setting data of said vehicle characteristic setting portion for said control unit to each of said control units and, when said setting characteristic determining portion determines that the vehicle characteristic setting is invalid, said selection switch enables the default characteristic being changed over to transmit the memory data in said default characteristic memory portion for said control unit to each of said control units.

8-9. (*Cancelled*).

10. (*Currently Amended*) A control apparatus for a motor of an electric power steering unit ~~for controlling a motor~~ so as to provide a steering mechanism with steering assistance force base on a current instruction value computed based on a steering assist instruction value computed based on a steering torque generated in a steering shaft and a motor current detection value, said control apparatus comprising:

a steering characteristic setting means that ~~which~~ enables a vehicle driver to set up an arbitrary ~~a steering characteristic arbitrarily~~;

plural steering characteristic memory means for storing ~~memorizing~~ each steering characteristic set by said steering characteristic setting means;

a steering characteristic selecting means for selecting a desired steering characteristic from a steering characteristic stored in said ~~memorized~~ plural steering characteristic memory ~~means~~ characteristics;

a default characteristic memory means for storing ~~memorizing~~ a default steering characteristic ~~set upon production~~; and

a setting characteristic determining means for determining whether a selected ~~said~~ steering characteristic is valid or invalid with reference to a preliminarily specified safety standard, wherein when said setting characteristic determining means determines ~~it is determined~~ that the selected steering characteristic ~~setting is invalid by said setting characteristic determining means~~, said motor is controlled based on said default steering characteristic.

base on a current instruction value computed based on a steering assist instruction value computed based on a steering torque generated in a steering shaft and a motor current detection value, said control apparatus comprising:

a steering characteristic setting means ~~that which~~ enables a vehicle driver to set up an arbitrary a steering characteristic arbitrarily;

plural steering characteristic memory means for storing ~~memorizing~~ each steering characteristic set by said steering characteristic setting means;

a steering characteristic selecting means for selecting a desired steering characteristic from a steering characteristic stored in said ~~memorized~~ plural steering characteristic memory ~~means~~ characteristics;

a default characteristic memory means for storing ~~memorizing~~ a default steering characteristic ~~set upon production~~; and

a setting characteristic determining means for determining whether a selected said steering characteristic is valid or invalid with reference to a preliminarily specified safety standard, wherein when said setting characteristic determining means determines ~~it is determined~~ that the selected steering characteristic setting is invalid ~~by said setting characteristic determining means~~, said motor is controlled based on said default steering characteristic.

11. (*Currently Amended*) The control apparatus ~~device of electric power steering unit~~ according to claim 10, wherein a steering characteristic setting/selecting unit containing at least

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11. (*Currently Amended*) The control apparatus ~~device of electric power steering unit~~ according to claim 10, wherein a steering characteristic setting/selecting unit containing at least said steering characteristic setting means and the steering characteristic selecting means is connected to a current instruction arithmetic operating portion ~~for computing said current instruction value~~ through serial communication.

12. (*Currently Amended*) The control apparatus ~~device of electric power steering unit~~ according to claim ~~claims~~ 10 or 11, wherein said steering characteristic comprises ~~includes~~ at least an input/output characteristic and a vehicle velocity response ~~responses~~ characteristic.

13. (*Currently Amended*) The control apparatus ~~device of electric power steering unit~~ according to claim 10 or 11, any of Claims 10 to 12 wherein a graphical user interface comprises GUI is employed as said steering characteristic setting means.

14. (*Cancelled*).

15. (*Currently Amended*) A vehicle capable of changing vehicle characteristics  
~~characteristic~~ comprising:

a plurality of plural vehicle characteristic setting portions, wherein each vehicle  
characteristic setting portion allows a user to set a specific one of a plurality of vehicle  
characteristics for setting the vehicle characteristic to an a free arbitrary values;

a plurality of vehicle characteristic memory portions, wherein each memory portion  
stores a group of said vehicle characteristics~~portion for memorizing said set vehicle~~  
~~characteristic;~~

a vehicle characteristic setting selection portion for selecting a group of an arbitrary  
vehicle characteristics characteristic from one of said vehicle characteristic memory portions;  
and portion, said vehicle further comprising

an immobilizer, wherein said vehicle characteristic setting selection portion is disposed  
being provided in said immobilizer, and each group of vehicle characteristics is associated with  
while a key that operates of said immobilizer is provided for each of said set plural vehicle  
characteristics.

16. (*New*) The vehicle capable of changing vehicle characteristics according to claim 7, further comprising a control apparatus for a motor of an electric power steering unit, said control apparatus comprising:

a steering characteristic setting means that enables a vehicle driver to set up an arbitrary steering characteristic;

plural steering characteristic memory means for storing each steering characteristic set by said steering characteristic setting means;

a steering characteristic selecting means for selecting a desired steering characteristic from a steering characteristic stored in said plural steering characteristic memory means;

a default characteristic memory means for storing a default steering characteristic; and

a setting characteristic determining means for determining whether a selected steering characteristic is valid or invalid with reference to a preliminarily specified safety standard, wherein when said setting characteristic determining means determines that the selected steering characteristic is invalid, said motor is controlled based on said default steering characteristic.

17. (*New*) The vehicle capable of changing vehicle characteristics according to claim 16, wherein a steering characteristic setting/selecting unit containing at least said steering characteristic setting means and the steering characteristic selecting means is connected to a current instruction arithmetic operating portion through serial communication.

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18. (*New*) The vehicle capable of changing vehicle characteristics according to claim 16 or 17, wherein said steering characteristic comprises at least an input/output characteristic and a vehicle velocity response characteristic.

19. (*New*) The vehicle capable of changing vehicle characteristics according to claim 16 or 17, wherein a graphical user interface comprises said steering characteristic setting means.